

THE MARCONI REVIEW

JANUARY 1978 — DECEMBER 1978

VOLUME XLI NOS. 208 — 211

SUBJECT AND AUTHOR INDEX

SUBJECT INDEX

Issue Page

Aircraft Mounted Antenna, Computation of Radiation Patterns at Frequencies above 300 MHz—Part I	210	160
Angle, Troposcatter Diversity in Practice	211	199
Antenna, The application of Spherical Wave Expansions to the Calculation of Feed Horn Spillover and Subreflector Diffraction in a Cassegrain	210	142
Computation of Aircraft Mounted Radiation Patterns at Frequencies about 300 MHz—Part I	210	160
The Design and Evaluation of a High Performance 3 m for Satellite Communication	211	218
Parabolic Torus Reflector	211	237
Butler, The Matrix Transponder	209	90
Calibration, A Dynamic Method for Multi-Level Phase-Shift-Keyed Modulators	210	136
Cassegrain, The Application of Spherical Wave Expansions to the Calculation of Feed Horn Spillover and Subreflector Diffraction in an Antenna	210	142
C.R.T., A Frame-Sequentially Switched E.H.T. Power Supply for a Two Colour Display	208	21
Curve Fitting to Engineering Data	209	74
Dipole, The Elementary and its Reflection	209	115
Diversity, Troposcatter Angle in practice	211	199
E.H.T., A Frame-Sequentially Switched Power Supply for a Two Colour C.R.T. Display	208	21
Electroless, The Fabrication of Printed Circuit Resistors by the Deposition of Resistive Metal Films	208	48
Facsimile, The Marconi Telegraph System (Reproduction from Issue 5)	211	191
Feed Horn, The Application of Spherical Wave Expansions to the Calculation of Spillover and Subreflector Diffraction in a Cassegrain Antenna	210	142
Grating, Scattering of Electromagnetic Waves from Parallel Conductors	208	29

Issue Page

H orn, The Application of Spherical Wave Expansions to the Calculation of Feed Spillover and Subreflector Diffraction in a Cassegrain Antenna	210	142
M atrix, The Butler Transponder	209	90
M etal Films, The Fabrication of Printed Circuit Resistors by the Electroless Deposition of Resistive	208	48
M odulator, A Linear 4-Level P.S.K. of a New Configuration A Dynamic Calibration Method for Multi-Level Phase-Shift-Keyed	210	129
P arabolic, The Torus Reflector Antenna	210	136
P arabolic, The Torus Reflector Antenna	211	237
P rinted Circuit, The Fabrication of Resistors by the Electroless Deposition of Resistive Metal Films	208	48
P .S.K., A Linear 4-Level Modulator of a New Configuration	210	129
R adiation Patterns, Computation of Aircraft Mounted Antenna at Frequencies above 300 MHz—Part I	210	160
R ecording, Photo Induced Thermoplastic and its Applications	209	61
R epairable, Analysis of Systems	208	1
S atellite Communication, The Design and Evaluation of a High Performance 3 m Antenna	211	218
S cattering of Electromagnetic Waves from a Grating of Parallel Conductors	208	29
S pherical Wave Expansions, The Application to the Calculation of Feed Horn Spillover and Subreflector Diffraction in a Cassegrain Antenna	210	142
S pillover, The Application of Spherical Wave Expansions to the Calculation of Feed Horn and Subreflector Diffraction in a Cassegrain Antenna	210	142
S ubreflector Diffraction, The Application of Spherical Wave Expansions to the Calculation of Feed Horn Spillover in a Cassegrain Antenna	210	142
T elegraph, The Marconi Facsimile System (Reproduction from Issue 5)	211	191
T hermoplastic, Photo Induced Recording and its Applications	209	61
T orus, The Parabolic Reflector Antenna	211	237
T ransponder, The Butler Matrix	209	90
T roposcatter, Angle Diversity in Practice	211	199

AUTHOR INDEX

	<i>Issue</i>	<i>Page</i>		<i>Issue</i>	<i>Page</i>
Baker, D. W.	210	129	Larsen, R.	211	199
Beasley, A. R.	208	21	Miles, P. W.	208	29
Boswell, A. G. P.	211	237	Pacello, E. A.	210	160
Brain, J. R.	211	218	Rider, G. C.	211	199
Carradus, R. J.	208	1	Robinson, P. F.	210	129
de Neumann, B.	209	74	Robinson, P. F.	210	136
Firth, K.	209	61	Sadler, Miss M.	210	160
Gough, M. W.	211	199	Slator, T.	209	115
Henderson, R. I.	210	142	Smith, B. R.	208	48
			Wallington, J. R.	209	90

